// exception handling in java

Types of exception:

* Runtime
* ClassNotFound
* IllegalArgument
* NullPointerExecution
* Arithmatic
* NumberFormat

Exception of 2 types

1. Checked
2. Unchecked

// coding

Try {}

Catch (exception\_type parameter){}

Finally{}

// practice

Class example

{

Pubic static void main(string []args)

{

Try

{

System.out.println(1/0)

}

Catch (NullPointerExpression e)

{

System.out.println(e.getMessage());

}

Catch(ArithmaticException e)

{

System.out.println(e.getMessage());

}

System.out.println(“finally”)

}

}

// explicit throw an exception

Class example

{

Public static void main(string []args)

{

Int a=10;

Int b=20;

If (a<b) // we throw exception based on our t/c.

throw new ArithmaticException(“this is our throw error message for exceotion case”)

a=a-b

}

}

// example 2

Class example

{

Public static void main(string []args)

{

Int a=10;

Int b=20;

Try

{

If (a<b)

throw new ArithmaticException(“this is our throw error message for exceotion case”)

a=a-b

}

Catch (ArithmaticException e)

System.out.println(e.getMessage());

System.out.println(“ Finaly done”)

}

}

# //  Use of throws in checked exception